BPM Technical Advanced Exam Overview

Exam Series Code	OMG-OCEB-T300
Exam Duration	90 minutes
Exam Fee	US$350 (or local equivalent)
Exam Type	Multiple choice (text and diagrams)
Exam Pass Score	>=70 of 90 questions answered correctly (>=78%)
Exam Prerequisite(s)	Passing scores on the OCEB-2 Fundamental and Technical Intermediate Exams.
Exam Specifications	**Business Process Model and Notation (BPMN) v2.0.2**: Chapters 1 (Scope), 2.2.1 (BPMN Process Types), Table 2.1 (Descriptive Conformance Sub-Class Elements and Attributes), Table 2.2 (Analytic Conformance Sub-Class Elements and Attributes), 7 (Overview), Table 7.1 (Basic Modeling Elements), Table 7.2 (BPMN Extended Modeling Elements), 10 (Process), 14 (Mapping BPMN Models to WS-BPEL) and **Events Chart**.
	Business Motivation Model (BMM) v1.3: Chapters 1 (Scope), 7 (The Business Motivation Model) and 8 (The Core Elements of the Business Motivation Model).
	Unified Modeling Language (UML) v2.5.1: Chapter 12.3 (Profiles)
Recommended Exam Study Guides	*The topics from the sources listed below were used to write the exam questions. However, you may use other (online) sources covering the same topic(s) and still pass the exam.
	***Effective IT Service Management: To ITIL and Beyond!* (Addy)**: Chapters 8 (The "Service" Part of ITSM), 9 (Defining Meaningful IT Services) and 10 (The IT Service Catalogue/Service Portfolio).
	***Key Performance Indicators: Developing, Implementing, and Using Winning KPIs, 4th Edition* (Parmenter)**
	***Business Process Change: A Guide for Business Managers and BPM and Six Sigma Professionals, 4th Edition* (Harmon)**: Chapters 5 (Measuring Process Performance) and 16.3 (BPMS and BAM).
	***Business Process Management: The Third Wave* (Smith & Fingar)**
	***Applied SOA: Service-Oriented Architecture and Design Strategies* (Rosen)**: Chapters 1 (Realizing the Promise of SOA), 2 (SOA—Architecture Fundamentals), 6 (Designing Service Interfaces) and 9 (Using Services to Build Enterprise Solutions).
	***SOA Design Patterns* (Erl)**: Chapter 1 (Introduction)
	***A Guide to the Project Management Body of Knowledge, 6th Edition* (Project Management Institute)**: Chapters 1 (Introduction), 2 (The Environment in Which Projects Operate) and 3 (The Role of the Project Manager).
	***Applied Metamodeling: A Foundation for Language Driven Development* (Clark)**: Chapters 1 (Language-Driven Development) and 2 (Metamodeling).
	***Model Driven Architecture: Applying MDA to Enterprise Computing* (Frankel)**: Chapter 6 (Extending and Creating Modeling Languages)
	***Production Matching for Large Learning Systems* (Doorenbos)**: Chapter 2 (The Basic Rete Algorithm [just the introduction])
	***Making IT Governance Work in a Sarbanes-Oxley World* (Bloem)**: Chapters 4 (IT Portfolio Management) and 5 (Activity-Based Costing, Economic Value Added, and Applied Information Economics).
	***Governance, Risk, and Compliance Handbook* (Tarantino)**: Chapter 20 (What to Look for in Audit Operations Applications)
Additional Reading	*In OMG's OCEB Certification Program, What is the Definition of Business Process?* (Siegel)
	Overview of OMG Business Motivation Model: Core Concepts (Hall)
	Advantages and Disadvantages of Using Predefined Process Models (Andersen & Fagerhaug)
	Business Processes Lifecycles and ROI (Harmon)
	Deciding on the Right Level of Business Process Documentation (Lusk)

	The Challenge of Process Discovery **(Verner)**
	What Do Models Mean? **(Seidewitz)**
	An MOF-Based, Common Enterprise Architecture Meta-model **(Butler)**
	BPM and SOA: A Strategic Alliance **(Behara)**
	OCEB White Paper on Business Rules, Decisions, and PRR **(Vincent)**
	A Detailed Analysis of BPM Suites **(Business Process Trends)**
	Bringing Analytics into Processes Using Business Rules **(Taylor)**
	The Forrester Wave: Human Centric BPM for Java Platforms **(Tuebner)**
	How to Run a Cost-Benefit Analysis **(Reh)**
	How to Choose the Right BPM Suite: From RFP to Final Selection **(Spanyi)**
	ISO/IEC 38500: Information Technology—Corporate Governance of IT for the Organization
Exam Training Options (not required)	**EduMAX**
	NobleProg (**Worldwide**: Scroll to 'Other Countries' section to change region)
Exam Voucher Program	View our **Voucher Program** for potential discounts.
Testing Accommodations	For hearing, learning, physical and/or visual disability accommodations, please contact **certification@omg.org** with proof of your most recent diagnosis thereof so we can officially request accommodation(s) on your behalf via Pearson, and once approved, provide you with further instructions on scheduling your exam(s) with your requested accommodation(s).
Exam Registration	**Pearson VUE**: create an account, locate a test center, view available tests, (re)schedule a test (online or at a test center), cancel your exam (contact Pearson VUE >24 hours prior to exam for a full refund or you forfeit the full exam price), view exam scores and **Contact Pearson VUE** (for any technical issues-**use chat feature to expedite a response**).
Online Exam Check-In & Requirements	Visit **Pearson VUE Online Proctoring** for detailed info. Log in at least 30 minutes early (online verification may take 15-20 minutes). Late arrivals will not be allowed to take the exam.
Test Center Check-In & Requirements	Arrive at least 30 minutes early. Late arrivals will not be allowed to take the exam. Bring two forms of ID (at least one with photo and both with signature): alien registration card, bank card, credit card, employee badge, government issued, green card, military, passport, school and state ID. Do not bring any items (personal or otherwise) other than the two forms of ID to a test center.
Technical Issues	**Contact Pearson VUE** (**use chat feature to expedite a response**).
Exam Languages	This exam is only offered in English. You cannot use a translation app during the exam.
Review Your Answers	Before completing your exam, you will be presented with a screen to review your answers to all questions.
Exam Score Reports	Whether at a test center or online, pass or fail, you will be provided with a score report on your computer screen immediately following your exam. A hardcopy of your score report will be provided before an individual leaves a test center with their score in each major section. You can also review your exam score reports via your **Pearson VUE account**. If you fail your exam, you can review general sections where you scored poorly to assist when you decide to retake your exam.
Digital Badges/Certificates	Those who pass their exam will immediately receive an email from **Credly** (admin@credly.com - check Junk folder) to claim their verifiable digital badge. Credly provides certified professionals with the option to share their certification credentials with others via the Credly Network, social media, **print to .pdf or hardcopy certificate**, and other avenues.
Retake Vouchers	If you failed your exam, contact **certification@omg.org** to request a 30% discounted exam retake voucher.
Certification Expiration	Your certification expires 5 years from the date you passed your exam. The same or a higher-level certification must be taken prior to the previous certification's expiration date to extend your certification.
Still Have Questions?	**certification@omg.org**

General Areas Tested in the BPM Technical Advanced Exam

Advanced Business Process Modeling with BPMN Improving/optimizing BPMN models, fine-tuning a BPMN model for implementation, BPEL fundamentals, BAM awareness, relationship of ESB to business process, and process documentation topics including BP Use Cases, technical specifications from BP Models, and Business Process Analysis.	25%
Enterprise Architecture Service-oriented design concepts, service-oriented design patterns, design of services, meeting GRC requirements (6%), and designing and building auditable business processes (8%).	23%
Business Process Management Awareness Configuring, measuring, and reporting KPIs, advanced BMM modeling, and leveraging existing assets within IT.	13%
Vendor Selection and Marketplace Topics Scenario-based assessment, cost-benefit analysis / ROI, RFP analysis, and fitting tool to task.	13%
Understanding Metamodeling Concepts Metamodeling enables precise specification independent of notation, and metamodeling enables an interoperable repository for models.	9%
Implementation and Integration Integration components and adapters including ERP, CRM, SaaS, and integrating legacy systems, integrating business intelligence and analytics including data warehousing.	9%
Business Rules PRR awareness and Rete algorithm.	8%
Total	**100%**